

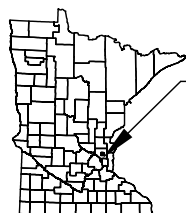
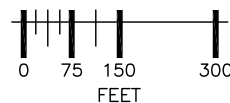
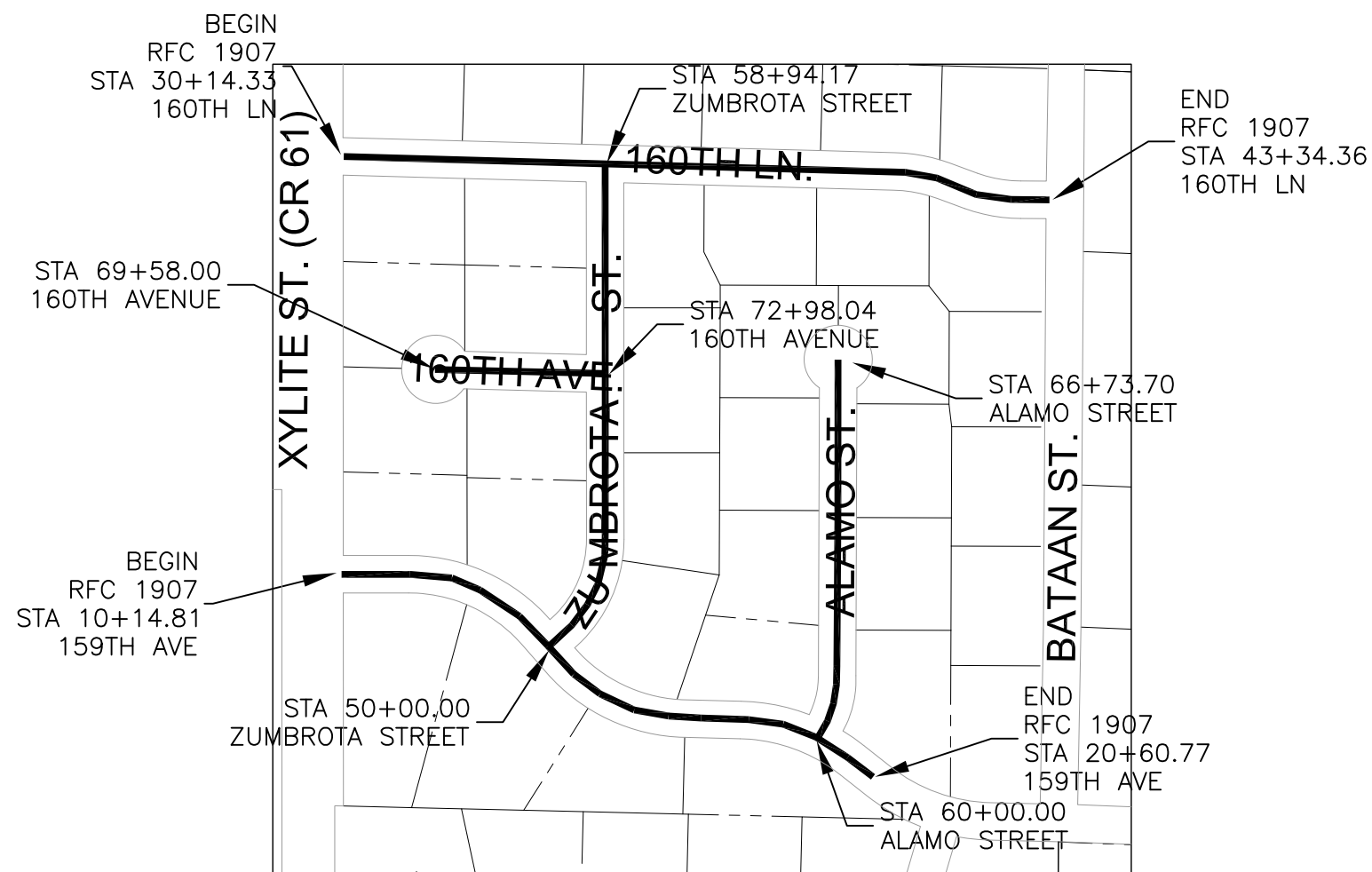
	EXISTING	CENTERLINE
	PROPOSED	
	EXISTING	RIGHT-OF-WAY LINE
	PROPOSED	
	CONSTRUCTION PERMANENT	EASEMENT LINE
	LOT SECTION	PROPERTY LINE
		CONSTRUCTION LIMITS CLEAR ZONE
	-901- INTERMEDIATE	EXISTING CONTOURS
	-900- INDEX	
	-901.25- GRADE BREAK	PROPOSED CONTOURS
	-901- INTERMEDIATE	
	-900- INDEX	
	-901.25- GRADE BREAK	DITCH LINE
	EXISTING	
	PROPOSED	
	EXISTING COUNTY	FENCE LINE / FENCE POSTS
		SILT FENCE
		WETLAND BOUNDARY
		REMOVE EXISTING TREES
	X BM	BENCH MARK / IRON MONUMENT
		LIGHT POLE / BOLLARD
		SOIL BORING
		BUILDING
	PROPOSED	RIPRAP
		MAILBOX
	EXISTING	SIGN
	PROPOSED	

	GAS		GAS LINE
	PETRO		PETRO
			PETROLEUM LINE
	OHE		OHE
	UGE		UGE
			OVERHEAD UNDERGROUND
	T		T
			UNDERGROUND TELEPHONE LINE
	CATV		CATV
			UNDERGROUND CABLE TV LINE
	FO		FO
			UNDERGROUND FIBER OPTIC LINE
			ELECTRIC MANHOLE
			ELECTRIC JUNC. BOX
			CABLE TV JUNC. BOX
	F		JUNC. BOX
			FIBER OPTIC STRUCTURES
			POWER POLE AND GUY WIRE
	>>		>>
			EXISTING
	>>		>>
			EXISTING
	<<<		<<<
			EXISTING
	<<<		<<<
			PROPOSED
			EXISTING
			PROPOSED
			EXISTING
			WELL
			CLEARING AND GRUBBING AREAS

CONSTRUCTION PLAN FOR TREE AND STUMP REMOVAL, CLEARING AND GRUBBING LUND'S LAKEVIEW FOREST TREE REMOVAL PROJECT

FOR CONSTRUCTION OF 159TH AVENUE, 160TH LANE, ALAMO STREET, ZUMBROTA STREET, AND 160TH AVENUE; WITHIN THE LIMITS DEFINED BELOW

COORDINATES LISTED IN PLANS ARE BASED ON NAD83 LAMBERT
CONFORMAL CONIC COUNTY PARAMETERS FOR ANOKA COUNTY
ELEVATIONS LISTED IN PLANS ARE BASED ON NAVD88



PROJECT LOCATION
ANOKA COUNTY
METRO DISTRICT

PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION
"STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE 2018 EDITION OF THE
"MATERIALS LAB SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION" SHALL
GOVERN.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MMUTCD, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2-3	TREE REMOVALS: 159TH AVE AND OTHERS

THIS PLAN CONTAINS 3 SHEETS

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES
WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY
DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNED. Thomas P. Collins
THOMAS P. COLLINS

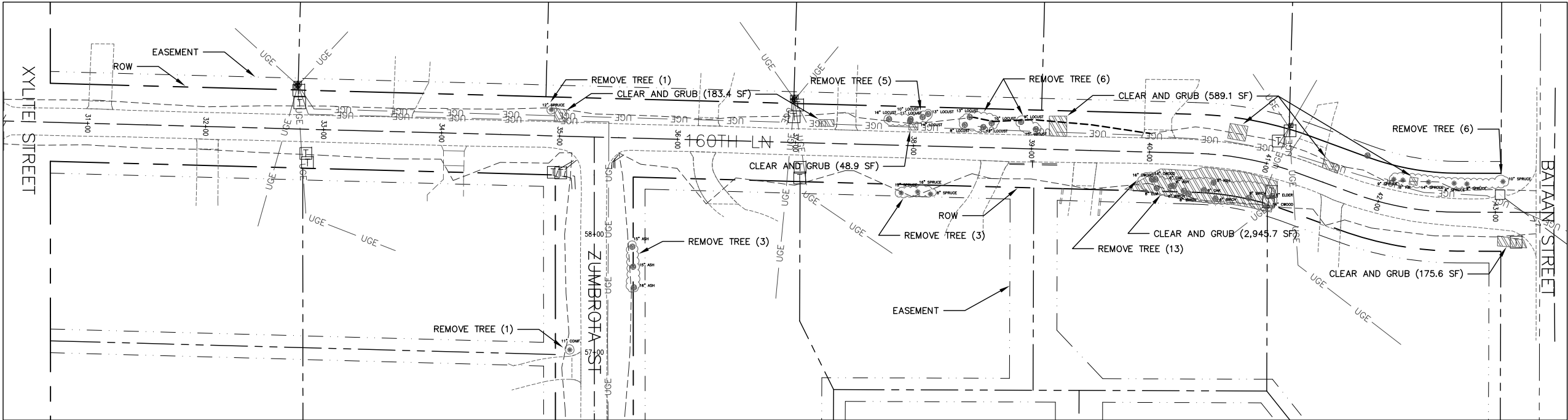
DATE: 02/18/2021 REG. NO. 26471

APPROVED. *Thomas P. Collins* 02/18/2021
CITY OF HAM LAKE ENGINEER DATE

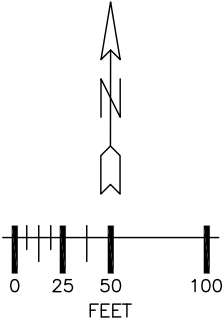
RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street NE Telephone 763-862-8000
Ham Lake, MN 55304 Fax 763-862-8042

JOB NO. 1907 SHEET NO. 1 OF 3 SHEETS



THIS SHEET
TREE REMOVALS: 38
CLEAR AND GRUB: 3,943 SF
= 0.091 ACRES



- NOTES:
- 1. SOME OR ALL TREES WITHIN THE RIGHT-OF-WAY MAY BE REMOVED BASED ON CANOPY/ROOT LOCATION.
 - 2. ALL OAK TREES TO BE REMOVED MUST NOT BE REMOVED OR TRIMMED BETWEEN APRIL 1ST AND JULY 15TH. IF OPERATIONS RESULT IN WOUNDS TO THE OAK TREES OR ROOTS BETWEEN APRIL 1ST AND JULY 15TH, ALL WOUNDS MUST BE TREATED IMMEDIATELY WITH A LATEX BASED PAINT AND ALL STUMPS MUST BE REMOVED FROM THE SITE IMMEDIATELY.
 - 3. ALL TREES DETERMINED TO NEED REMOVAL BY CONTRACTOR AND NOT MARKED FOR REMOVAL ON THIS PLAN MUST BE APPROVED BY THE ENGINEER BEFORE REMOVAL.
 - 4. CLEARING AND GRUBBING MARKED ON THE PLAN EXTEND TO THE RIGHT-OF-WAY.



UTILITIES:	CENTURYLINK	(763) 712-5017
	CENTERPOINT ENERGY	(763) 323-2760
	COMCAST	(952) 607-4078
	CONNEXUS ENERGY	(763) 323-4268
	GREAT RIVERS ENERGY	(763) 445-5984
	KOCH PIPELINE	(952) 832-2684 (952) 807-4183
	XCEL ENERGY	(612) 526-4508

DATE	REVISION HISTORY
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. <i>Thomas P. Collins</i> DATE <u>02/18/21</u> REG. NO. <u>26471</u>	

RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street
Ham Lake, MN 55304
Telephone 763-862-8000
Fax 763-862-8042

DESIGN BY: GJM DRAWN BY: GJM CHECKED BY: TPC

HAM LAKE IMPROVEMENT PROJECT 1907
LUND'S LAKEVIEW FOREST TREE REMOVAL

TREE REMOVALS

DWG:	1907 TREES 2
DATE:	02/18/2021
JOB NUMBER:	1907
SHEET:	3 OF 3
FILE:	36-1-162